

AMENDMENTS TO CLAIMS

The status of all claims and the text of pending claims, with markings to show current changes relative to the immediately prior version, follows.

1. (Original) A computerized method of defining a work scope, comprising the steps of:
providing a list of tasks;
selecting a desired task from said list;
adding said desired task to said work scope;
determining whether a related task exists; and
adding said related task to said work scope if said related task exists.
2. (Original) The method as recited in claim 1, wherein said related task comprises a prerequisite task or a concurrent task, and said related task adding step comprises automatically adding said prerequisite task or said concurrent task to said work scope.
3. (Original) The method as recited in claim 1, wherein said related task comprises a prerequisite task, a concurrent task, a superceding task or a recommended task, and said related task adding step comprises the steps of:
automatically substituting said desired task with said superceding task on said work scope;
automatically adding said prerequisite task or said concurrent task to said work scope; and
adding said recommended task to said work scope if a user seeks performance of said recommended task.
4. (Original) The method as recited in claim 1, wherein said determining step includes

accessing a database to locate said related task.

5. (Original) The method as recited in claim 1, further comprising the step of determining if said desired task or said related task has been previously performed.

6. (Original) The method as recited in claim 1, wherein said list of tasks comprises Service Bulletins.

7. (Original) The method as recited in claim 1, wherein the work scope is performed on a gas turbine engine.

8. (Original) A computerized method of modifying a work scope, comprising the steps of:
providing a work scope, said work scope comprising a plurality of tasks;
choosing a selected task from said plurality of tasks;
locating an alternate task that is suitable as a substitute for said selected task;
determining whether a conflict exists between said alternate task and a remainder of said plurality of tasks; and
substituting said selected task in said work scope with said alternate task if no conflict exists.

9. (Original) The method as recited in claim 8, wherein said selected task includes a work step performed on a part, and said choosing step comprises choosing a selected task that includes a part that has an unacceptable lead-time, is unavailable, or has an unacceptable cost.

10. (Original) The method as recited in claim 8, wherein the work scope is performed on a gas

turbine engine.

11. (Original) A computerized method of displaying a graphical representation of a relationship between data elements within a database, comprising the steps of:

providing a database of data groups, each of said data groups containing at least one data element;

selecting a desired one of said data elements;

searching said database for instances of said desired data element;

determining a relationship between said data groups which contain said desired data element;

and

displaying said relationship.

12. (Original) The method as recited in claim 11, wherein each of said data groups contain a plurality of data elements, and further comprising the steps of: selecting a related data element from said data groups which contains said desired data element, said related data element having a correlation with said desired data element; searching said database for instances of said related data element; determining a relationship between said data groups which contain said related data element; and displaying said relationship.

13. (Original) The method as recited in claim 11, wherein said data elements comprise part numbers.

14. (Original) The method as recited in claim 13, wherein said relationship shows a hierarchy of part numbers.

15. (Original) The method as recited in claim 11, wherein said data groups comprise Service Bulletins.

*add
cancel* 16. (Original) The method as recited in claim 15, wherein said relationship is a hierarchy of part numbers added or cancelled by said Service Bulletins.

17. (New) A computer system for defining a work scope, comprising:

means for displaying a list of tasks;

means for selecting a desired task from said list; and

add means for processing said desired task to include said desired task in a work scope, to determine whether a related task exists, and to add said related task to said work scope if said related task exists.

18. (New) The computer system as recited in claim 17, wherein said related task comprises a prerequisite task or a concurrent task, and said means for processing automatically adds said prerequisite task or said concurrent task to said work scope.

19. (New) The computer system as recited in claim 17, wherein said related task comprises a prerequisite task, a concurrent task, a superceding task or a recommended task, and said means for processing automatically substitutes said desired task with said superceding task on said work scope, automatically adds said prerequisite task or said concurrent task to said work scope, and adds said recommended task to said work scope if a user seeks performance of said recommended task.

20. (New) The computer system as recited in claim 17, further comprising a means for storing a database to locate said related task.

21. (New) The computer system as recited in claim 17, wherein said means for processing also determines if said desired task or said related task has been previously performed.

22. (New) The computer system as recited in claim 17, wherein said list of tasks comprises Service Bulletins.

23. (New) The computer system as recited in claim 17, wherein the work scope is performed on a gas turbine engine.

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24. (New) A computer system for modifying a work scope, comprising:
means for displaying a work scope, said work scope comprising a plurality of tasks;
means for selecting a task from said plurality of tasks; and
means for processing said selected task to locate an alternate task that is suitable as a substitute for said selected task, to determine whether a conflict exists between said alternate task and a remainder of said plurality of tasks, and to substitute said selected task in said work scope with said alternate task if no conflict exists.

25. (New) The computer system as recited in claim 24, wherein said selected task includes a work step performed on a part that includes has an unacceptable lead-time, is unavailable, or has an unacceptable cost.

26. (New) The computer system as recited in claim 24, wherein the work scope is performed on a gas turbine engine.

27. (New) A computer system for displaying a graphical representation of a relationship between data elements within a database, comprising:

means for storing a database of data groups, each of said data groups containing at least one data element;

means for identifying a desired one of said data elements;

means for processing said desired data to search said database for instances of said desired data element and to determine a relationship between said data groups which contain said desired data element; and

means for displaying said relationship.

28. (New) The computer system as recited in claim 27, wherein each of said data groups contain a plurality of data elements, and said means for processing selects a related data element from said data groups which contains said desired data element, said related data element having a correlation with said desired data element, searches said database for instances of said related data element, determines a relationship between said data groups which contain said related data element.

29. (New) The computer system as recited in claim 27, wherein said data elements comprise part numbers.

30. (New) The computer system as recited in claim 29, wherein said means for displaying shows a hierarchy of part numbers.

31. (New) The computer system as recited in claim 27, wherein said data groups comprise Service Bulletins.

32. (New) The computer system as recited in claim 31, wherein said means for displaying shows a hierarchy of part numbers added or cancelled by said Service Bulletins.
